## STANDARD CONSTRUCTION ITEMS

This list of Standard Construction Items is developed for tracking all the possible pay items covered under the Standard Specifications for Road and Bridge Construction, using computer techniques. A similar list is being developed separately for the Special Provisions items.

The first three digits of the Item Number represent the Section Number and the last three digits reflect the sequential number under that Section. The descriptions under Item Description is the title of the construction item. The last column lists the method of measurement for the item.

Item No.	Item Description	Pay Unit		
DIVISIO	DIVISION 200 S EARTHWORK			
201000	Clearing and Grubbing Clearing and Grubbing	L.S. L.S.		
202000	Excavation and Embankment Excavation and Embankment	C.Y. m³		
203000	Channel Excavation Channel Excavation	C.Y. m³		
204000	Muck Excavation Muck Excavation	C.Y. m³		
205000	Rock Excavation for Roadway Rock Excavation for Roadway	C.Y. m³		
206000	Rock Excavation for Structures and Trenches Rock Excavation for Structures and Trenches	C.Y. m <sup>3</sup>		
207000	Excavation and Backfill for Structures Excavation and Backfill for Structures	C.Y. m³		
208000	Excavation and Backfill for Pipe Trenches Excavation and Backfill for Pipe Trenches	C.Y. m³		
209001	Borrow, Type A Borrow, Type A	C.Y. m³		
209002	Borrow, Type B Borrow, Type B	C.Y. m³		
209003	Borrow, Type C Borrow, Type C	C.Y. m³		

209004	Borrow, Type D Borrow, Type D	C.Y. m³
209005	Borrow, Type E Borrow, Type E	C.Y. m³
209006	Borrow, Type F Borrow, Type F	C.Y. m³
209007	Borrow, Type G Borrow, Type G	C.Y. m³
210000	Furnishing Borrow Type C for Pipe, Utility Trench, and Structure Backfill Furnishing Borrow Type C for Pipe, Utility Trench, and Structure Backfill	C.Y. m³
210001	Furnishing Borrow Type F for Pipe, Utility Trench, and Structure Backfill Furnishing Borrow Type F for Pipe, Utility Trench, and Structure Backfill	C.Y. m³
210002	Furnishing Borrow Type B for Pipe, Utility Trench, and Structure Backfill Furnishing Borrow Type B for Pipe, Utility Trench, and Structure Backfill	C.Y. m³
211000	Removal of Structures and Obstructions Removal of Structures and Obstructions	L.S. L.S.
211002	Removal of Structures and Obstructions (Guardrail) Removal of Structures and Obstructions (Guardrail)	L.F. m
211004	Removal of Structures and Obstructions (Pipe) Removal of Structures and Obstructions (Pipe)	L.F. m
212000	Undercut Excavation Undercut Excavation	C.Y. m <sup>3</sup>
212001	Undercut Excavation, Patching Undercut Excavation, Patching	C.Y. m³
250000	Sediment Removal Sediment Removal	C.Y. m <sup>3</sup>
251000	Silt Fence Silt Fence	L.F. m
251001	Reinforced Silt Fence Reinforced Silt Fence	L.F. m

252000	Inlet Sediment Control, Drainage Inlet Inlet Sediment Control, Drainage Inlet	EACH EA
252001	Inlet Sediment Control, Curb Inlet Inlet Sediment Control, Curb Inlet	EACH EA
254000	Stone Check Dam Stone Check Dam	TON t
255000	Sediment Trap Sediment Trap	C.Y.
256000	Riser Pipe Assembly for Sediment Trap Riser Pipe Assembly for Sediment Trap	EACH EA
257000	Riprap Ditch	C.Y.
258000	Temporary Swale, Type A-1 Temporary Swale, Type A-1	L.F. m
258001	Temporary Swale, Type A-2 Temporary Swale, Type A-2	L.F. m
258002	Temporary Swale, Type A-3 Temporary Swale, Type A-3	L.F. m
258003	Temporary Swale, Type B-1 Temporary Swale, Type B-1	L.F. m
258004	Temporary Swale, Type B-2 Temporary Swale, Type B-2	L.F. m
258005	Temporary Swale, Type B-3 Temporary Swale, Type B-3	L.F. m
259000	Perimeter Dike/Swale, Type A-1 Perimeter Dike/Swale, Type A-1	L.F. m
259001	Perimeter Dike/Swale, Type A-2 Perimeter Dike/Swale, Type A-2	L.F. m
259002	Perimeter Dike/Swale, Type A-3 Perimeter Dike/Swale, Type A-3	L.F. m

260000	Earth Dike, Type A-1 Earth Dike, Type A-1	L.F. m
260001	Earth Dike, Type A-2 Earth Dike, Type A-2	L.F. m
260002	Earth Dike, Type A-3 Earth Dike, Type A-3	L.F. m
260003	Earth Dike, Type B-1 Earth Dike, Type B-1	L.F. m
260004	Earth Dike, Type B-2 Earth Dike, Type B-2	L.F. m
260005	Earth Dike, Type B-3 Earth Dike, Type B-3	L.F. m
261000	Temporary Slope Drain, 12" Temporary Slope Drain, 300 mm	L.F. m
261001	Temporary slope Drain, 18" Temporary Slope Drain, 450 mm	L.F. m
261002	Temporary Slope Drain, 21" Temporary Slope Drain, 525 mm	L.F. m
261003	Temporary Slope Drain, 24" Temporary Slope Drain, 600 mm	L.F. m
261004	Temporary Slope Drain, 30" Temporary Slope Drain, 750 mm	L.F. m
262000	Stilling Well Stilling Well	C.Y.
263000	Sump Pit Sump Pit	EACH EA
264000	Dewatering Basin Dewatering Basin	EACH EA
265000	Geotextile Lined Channel Diversion Geotextile Lined Channel Diversion	C.Y. m³

266000	Sandbag Dikes Sandbag Dikes	C.Y.
266001	Sandbag Diversions Sandbag Diversions	C.Y. m³
268000	Stabilized Construction Entrance Stabilized Construction Entrance	TON t
269000	Turbidity Curtain, Floating Turbidity Curtain, Floating	L.F. m
269001	Turbidity Curtain, Staked Turbidity Curtain, Staked	L.F. m
270000	Portable Sediment Tank Portable Sediment Tank	EACH EA
271000	Stormwater Management Pond Stormwater Management Pond	C.Y.
272000	Pond Outlet Structure, Concrete Pond Outlet Structure, Concrete	EACH EA
273000	Temporary Sediment Basin Outlet Structure, Corrugated Metal Temporary Sediment Basin Outlet Structure, Corrugated Metal	EACH EA
274000	Clay Borrow, Stormwater Management Pond, Type I Clay Borrow, Stormwater Management Pond, Type I	C.Y. m³
274001	Clay Borrow, Stormwater Management Pond, Type II Clay Borrow, Stormwater Management Pond, Type II	C.Y. m <sup>3</sup>
DIVISIO	N 300 S BASES	
301000	Select Borrow Base Course Select Borrow Base Course	C.Y. m <sup>3</sup>
302002	Graded Aggregate Base Course, Type B Graded Aggregate Base Course, Type B	C.Y. m <sup>3</sup>
302003	Graded Aggregate Base Course, Type B, Patching Graded Aggregate Base Course, Type B, Patching	C.Y. m <sup>3</sup>

302005	Graded Aggregate Base Course, Type B Graded Aggregate Base Course, Type B	TON t
302006	Graded Aggregate Base Course, Type B, Patching Graded Aggregate Base Course, Type B, Patching	TON t
304000	Asphalt Stabilized Base Course Asphalt Stabilized Base Course	MILE km
304001	HFMS-2S HFMS-2S	GAL L
305001	Graded Aggregate for Temporary Roadway Material Graded Aggregate for Temporary Roadway Material	TON t
DIVISIO	N 400 S BITUMINOUS PAVEMENTS	
401001	Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type A Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type A	TON t
401002	Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type B Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type B	TON t
401003	Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type C Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type C	TON t
401004	Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type D Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type D	TON t
401005	Hot-mix, Hot-Laid Bituminous Concrete Pavement, Type E Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type E	TON t
401006	Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type C, Patching Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type C, Patching	TON t
401007	Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type B, Patching Hot-Mix, Hot-Laid Bituminous Concrete Pavement, Type B, Patching	TON t
401008	Entrance and Driveway Paving Entrance and Driveway Paving	S.Y. m²
401009	Bituminous Concrete Base Course Bituminous Concrete Base Course	TON t

401010	Bituminous Concrete Base Course, Patching Bituminous Concrete Base Course, Patching	TON t
402000	Hot-Mix Bituminous Concrete and/or Cold-Laid Bituminous Concrete (TRM) Hot-Mix Bituminous Concrete and/or Cold-Laid Bituminous Concrete (TRM)	TON t
403000	Plant Mix Open-Graded Wearing Surface Plant Mix Open-Graded Wearing Surface	TON t
404001	Bituminous surface Treatment, RS-1 Bituminous Surface Treatment, RS-1	GAL L
404002	Bituminous Surface Treatment, RS-2 Bituminous Surface Treatment, RS-2	GAL L
404003	Bituminous Surface Treatment, CRS-1 Bituminous Surface Treatment, CRS-1	GAL L
404004	Bituminous Surface Treatment, CRS-2 Bituminous Surface Treatment, CRS-2	GAL L
404005	Coarse Aggregate Coarse Aggregate	TON t
405000	Retreatment and Seal Coats Retreatment and Seal Coats	GAL L
406000	Hot-Mix Patching Hot-Mix Patching	SY-IN m²- 25mm
DIVISIO	N 500 S RIGID PAVEMENT	
501001	Portland Cement Concrete Pavement, 8" Portland Cement Concrete Pavement, 200 mm	S.Y. m²
501002	Portland Cement Concrete Pavement, 9" Portland Cement Concrete Pavement, 225 mm	S.Y. m²
501003	Transverse Sawed Joints Transverse Sawed Joints	L.F. m
501004	Portland Cement Concrete Pavement, 10" Portland Cement Concrete Pavement, 250 mm	S.Y. m²

501005	Portland Cement Concrete Pavement, 11" Portland Cement Concrete Pavement, 275 mm	S.Y. m²
501006	Portland Cement Concrete Pavement, 12" Portland Cement Concrete Pavement, 300 mm	S.Y. m²
501007	Portland Cement Concrete Shoulder, 8" Portland Cement Concrete Shoulder, 200 mm Avg.	S.Y. m <sup>2</sup>
501008	Portland Cement Concrete Shoulder, 82" Portland Cement Concrete Shoulder, 213 mm Avg.	S.Y. m²
501009	Portland Cement Concrete Shoulder, 10" Portland Cement Concrete Shoulder, 250 mm Avg.	S.Y. m²
501010	Portland Cement Concrete Shoulder, 9" Portland Cement Concrete Shoulder, 225 mm Avg.	S.Y. m²
501011	Portland Cement Concrete Shoulder, 8" Portland Cement Concrete Shoulder, 200 mm Avg.	S.Y. m²
501012	Portland Cement Concrete Pavement, 14" Portland Cement Concrete Pavement, 350 mm Avg.	S.Y. m²
503003	Patching Portland Cement Concrete Pavement, Type I, Class A Patching Portland Cement Concrete Pavement, Type I, Class A	S.Y. m²
503004	Patching Portland Cement Concrete Pavement, Type II, Class A Patching Portland Cement Concrete Pavement, Type II, Class A	S.Y. m²
503005	Deformed Bars Deformed Bars	EACH EA
503006	Dowel Bars Dowel Bars	EACH EA
503007	Deformed Bars, 36" Deformed Bars, 900 mm	EACH EA
503009	Patching Portland Cement Concrete Pavement, Type I, Class B Patching Portland Cement Concrete Pavement, Type I, Class B	S.Y. m <sup>2</sup>

601001	Timber Structures Timber Structures	MFBM m <sup>3</sup>
601002	Timber Structures (Treated) Timber Structures (Treated)	MFBM m <sup>3</sup>
601003	Timber Structures (Glue-Laminated) Timber Structures (Glue-Laminated)	MFBM m <sup>3</sup>
601004	Timber Structures (Glue-Laminated Timber Deck) Timber Structures (Glue-Laminated Timber Deck)	S.F. m²
602001	Portland Cement Concrete Masonry, Class A Portland Cement Concrete Masonry, Class A	C.Y. m <sup>3</sup>
602002	Portland Cement Concrete Masonry, Class B Portland Cement Concrete Masonry, Class B	C.Y. m <sup>3</sup>
602003	Portland Cement Concrete Masonry, Abutment, Footing, Class A Portland Cement Concrete Masonry, Abutment, Footing, Class A	C.Y. m³
602004	Portland Cement Concrete Masonry, Abutment, Footing, Class B Portland Cement Concrete Masonry, Abutment, Footing, Class B	C.Y. m³
602005	Portland Cement Concrete Masonry, Abutment, Above Footing, Class B Portland Cement Concrete Masonry, Abutment, Above Footing, Class B	C.Y. m³
602006	Portland Cement Concrete Masonry, Pier Footing, Class B Portland Cement Concrete Masonry, Pier Footing, Class B	C.Y. m³
602007	Portland Cement Concrete Masonry, Pier Above Footing, Class A Portland Cement Concrete Masonry, Pier Above Footing, Class A	C.Y. m³
602008	Portland Cement Concrete Masonry, Pier Above Footing, Class B Portland Cement Concrete Masonry, Pier Above Footing, Class B	C.Y. m³
602009	Portland Cement Concrete Masonry, Approach Slab, Class A Portland Cement Concrete Masonry, Approach Slab, Class A	C.Y. m³
602010	Portland Cement Concrete Masonry, Approach Slab, Class B Portland Cement Concrete Masonry, Approach Slab, Class B	C.Y. m³
602011	Portland Cement Concrete Masonry, Substructure, Type A Portland Cement Concrete Masonry, Substructure, Type A	C.Y. m³
602012	Portland Cement Concrete Masonry, Substructure, Type B Portland Cement Concrete Masonry, Substructure, Type B	C.Y. m³
602013	Portland Cement Concrete Masonry, Superstructure, Type D Portland Cement Concrete Masonry, Superstructure, Type D	C.Y. m <sup>3</sup>
602014	Portland Cement Concrete Masonry, Approach Slab, Class D Portland Cement Concrete Masonry, Approach Slab, Class D	C.Y. m <sup>3</sup>

602015	Portland Cement Concrete Masonry, Abutment, Above Footing, Class A Portland Cement Concrete Masonry, Abutment, Above Footing, Class A	C.Y. m³
602016	Portland Cement Concrete Masonry, Class C Portland Cement Concrete Masonry, Class C	C.Y. m <sup>3</sup>
602017	Portland Cement Concrete Masonry, Parapet, Class A Portland Cement Concrete Masonry, Parapet, Class A	C.Y. m <sup>3</sup>
602018	Portland Cement Concrete Masonry, Class D Portland Cement Concrete Masonry, Class D	C.Y. m³
603000	Bar Reinforcement Bar Reinforcement	LB kg
604000	Bar Reinforcement, Epoxy Coated Bar Reinforcement, Epoxy Coated	LB kg
605001	Steel Structures Steel Structures	LB kg
605002	Steel Structures Steel Structures	L.S. L.S.
605003	Steel Structures (Unpainted) Steel Structures (Unpainted)	L.S. L.S.
605005	Painting, Moisture-Cured Urethane System Painting, Moisture-Cured Urethane System	L.S. L.S.
605006	Painting, Moisture-Cured Urethane System Painting, Moisture-Cured Urethane System	S.F. m²
606001	Metal Bridge Railing, Steel Metal Bridge Railing, Steel	L.F. m
606002	Metal Bridge Railing, Aluminum Metal Bridge Railing, Aluminum	L.F. m
607000	Removal of Existing Masonry Removal of Existing Masonry	C.Y. m <sup>3</sup>
608000	Coarse Aggregate for Foundation Stabilization and Subfoundation Backfill Coarse Aggregate for Foundation Stabilization and Subfoundation Backfill	TON t
609000	Subfoundation Concrete Subfoundation Concrete	C.Y. m <sup>3</sup>
610001	Stone Masonry Stone Masonry	S.F. m²
611000	Brick Masonry Brick Masonry	S.F. m <sup>2</sup>

612001	Reinforced Concrete Pipe, 12", Class III Reinforced Concrete Pipe, 300 mm, Class III	L.F. m
612002	Reinforced Concrete Pipe, 15", Class III Reinforced Concrete Pipe, 375 mm, Class III	L.F. m
612003	Reinforced Concrete Pipe, 18", Class III Reinforced Concrete Pipe, 450 mm, Class III	L.F. m
612004	Reinforced Concrete Pipe, 21", Class III Reinforced Concrete Pipe, 525 mm, Class III	L.F. m
612005	Reinforced Concrete Pipe, 24", Class III Reinforced Concrete Pipe, 600 mm, Class III	L.F. m
612006	Reinforced Concrete Pipe, 27", Class III Reinforced Concrete Pipe, 675 mm, Class III	L.F. m
612007	Reinforced Concrete Pipe, 30", Class III Reinforced Concrete Pipe, 750 mm, Class III	L.F. m
612008	Reinforced Concrete Pipe, 33", Class III Reinforced Concrete Pipe, 825 mm, Class III	L.F. m
612009	Reinforced Concrete Pipe, 36", Class III Reinforced Concrete Pipe, 900 mm, Class III	L.F. m
612010	Reinforced Concrete Pipe, 42", Class III Reinforced Concrete Pipe, 1050 mm, Class III	L.F. m
612011	Reinforced Concrete Pipe, 48", Class III Reinforced Concrete Pipe, 1200 mm, Class III	L.F. m
612012	Reinforced Concrete Pipe, 54", Class III Reinforced Concrete Pipe, 1350 mm, Class III	L.F. m
612013	Reinforced Concrete Pipe, 60", Class III Reinforced Concrete Pipe, 1500 mm, Class III	L.F. m
612014	Reinforced Concrete Pipe, 66", Class III Reinforced Concrete Pipe, 1650 mm, Class III	L.F. m
612015	Reinforced Concrete Pipe, 72", Class III Reinforced Concrete Pipe, 1800 mm, Class III	L.F. m
612016	Reinforced Concrete Pipe, 78", Class III Reinforced Concrete Pipe, 1950 mm, Class III	L.F. m
612017	Reinforced Concrete Pipe, 84", Class III Reinforced Concrete Pipe, 2100 mm, Class III	L.F. m
612018	Reinforced Concrete Pipe, 90", Class III Reinforced Concrete Pipe, 2250 mm, Class III	L.F. m

612019	Reinforced Concrete Pipe, 96", Class III Reinforced Concrete Pipe, 2400 mm, Class III	L.F. m
612020	Reinforced Concrete Pipe, 12", Class IV Reinforced Concrete Pipe, 300 mm, Class IV	L.F. m
612021	Reinforced Concrete Pipe, 15", Class IV Reinforced Concrete Pipe, 375 mm, Class IV	L.F. m
612022	Reinforced Concrete Pipe, 18", Class IV Reinforced Concrete Pipe, 450 mm, Class IV	L.F. m
612023	Reinforced Concrete Pipe, 24", Class IV Reinforced Concrete Pipe, 600 mm, Class IV	L.F. m
612024	Reinforced Concrete Pipe, 27", Class IV Reinforced Concrete Pipe, 675 mm, Class IV	L.F. m
612025	Reinforced Concrete Pipe, 30", Class IV Reinforced Concrete Pipe, 750 mm, Class IV	L.F. m
612026	Reinforced Concrete Pipe, 30", Class V Reinforced Concrete Pipe, 750 mm, Class V	L.F. m
612027	Reinforced Concrete Pipe, 42", Class IV Reinforced Concrete Pipe, 1050 mm, Class IV	L.F. m
612028	Reinforced Concrete Pipe, 48", Class IV Reinforced Concrete Pipe, 1200 mm, Class IV	L.F. m
612029	Reinforced Concrete Pipe, 54", Class IV Reinforced Concrete Pipe, 1350 mm, Class IV	L.F. m
612030	Reinforced Concrete Pipe, 18", Class V Reinforced Concrete Pipe, 450 mm, Class V	L.F. m
612031	Reinforced Concrete Pipe, 24", Class V Reinforced Concrete Pipe, 600 mm, Class V	L.F. m
612032	Reinforced Concrete Pipe, 15", Class V Reinforced Concrete Pipe, 375 mm, Class V	L.F. m
612033	Reinforced Concrete Pipe, 21", Class IV Reinforced Concrete Pipe, 525 mm, Class IV	L.F. m
612034	Reinforced Concrete Pipe, 36", Class IV Reinforced Concrete Pipe, 900 mm, Class IV	L.F. m
612035	Reinforced Concrete Pipe, 66", Class V Reinforced Concrete Pipe, 1650 mm, Class V	L.F. m
612036	Reinforced Concrete Pipe, 48", Class V Reinforced Concrete Pipe, 1200 mm, Class V	L.F. m

612038	Reinforced Concrete Pipe, 60", Class IV Reinforced Concrete Pipe, 1500 mm, Class IV	L.F. m
612039	Reinforced Concrete Pipe, 36", Class V Reinforced Concrete Pipe, 900 mm, Class V	L.F. m
612040	Reinforced Concrete Pipe, 30", Class V Reinforced Concrete Pipe, 750 mm, Class V	L.F. m
612041	Reinforced Concrete Pipe, 54", Class V Reinforced Concrete Pipe, 1350 mm, Class V	L.F. m
612042	Reinforced Concrete Pipe, 102", Class III Reinforced Concrete Pipe, 2550 mm, Class III	L.F. m
612043	Reinforced Concrete Pipe, 42", Class V Reinforced Concrete Pipe, 1050 mm, Class V	L.F. m
612044	Reinforced Concrete Pipe, 66", Class IV Reinforced Concrete Pipe, 1650 mm, Class IV	L.F. m
612045	Reinforced Concrete Pipe, 39", Class IV Reinforced Concrete Pipe, 975 mm, Class IV	L.F. m
612046	Reinforced Concrete Pipe, 21", Class V Reinforced Concrete Pipe, 525 mm, Class V	L.F. m
612047	Reinforced Concrete Pipe, 27", Class V Reinforced Concrete Pipe, 675 mm, Class V	L.F. m
612048	Reinforced Concrete Pipe, 33", Class IV Reinforced Concrete Pipe, 825 mm, Class IV	L.F. m
612200	Reinforced Concrete Elliptical Pipe, 14 x 23", Class III Reinforced Concrete Elliptical Pipe, 350 x 575 mm, Class III	L.F. m
612201	Reinforced Concrete Elliptical Pipe, 19 x 30", Class III Reinforced Concrete Elliptical Pipe, 475 x 750 mm, Class III	L.F. m
612202	Reinforced Concrete Elliptical Pipe, 24 x 38", Class III Reinforced Concrete Elliptical Pipe, 600 x 950 mm, Class III	L.F. m
612203	Reinforced Concrete Elliptical Pipe, 34 x 53", Class III Reinforced Concrete Elliptical Pipe, 850 x 1325 mm, Class III	L.F. m
612204	Reinforced Concrete Elliptical Pipe, 32 x 49", Class III Reinforced Concrete Elliptical Pipe, 800 x 1225 mm, Class III	L.F. m
612205	Reinforced Concrete Elliptical Pipe, 19 x 30", Class IV Reinforced Concrete Elliptical Pipe, 475 x 750 mm, Class IV	L.F. m
612206	Reinforced Concrete Elliptical Pipe, 22 x 34", Class III Reinforced Concrete Elliptical Pipe, 550 x 850 mm, Class III	L.F. m

L.F. m
L.F. m